

BBBBBBBBBBBB		AAAAAAAAA		SSSSSSSSSS		RRRRRRRRRR		TTTTTTTTTT		LLL
BBBBBBBBBBBB		AAAAAAAAA		SSSSSSSSSS		RRRRRRRRRR		TTTTTTTTTT		LLL
BBBBBBBBBBBB		AAAAAAAAA		SSSSSSSSSS		RRRRRRRRRR		TTTTTTTTTT		LLL
BBB	BBB	AAA	AAA	SSS		RRR	RRR	TTT		LLL
BBB	BBB	AAA	AAA	SSS		RRR	RRR	TTT		LLL
BBB	BBB	AAA	AAA	SSS		RRR	RRR	TTT		LLL
BBB	BBB	AAA	AAA	SSS		RRR	RRR	TTT		LLL
BBB	BBB	AAA	AAA	SSS		RRR	RRR	TTT		LLL
BBB	BBB	AAA	AAA	SSS		RRR	RRR	TTT		LLL
BBBBBBBBBBBB		AAA	AAA	SSSSSSSS		RRRRRRRRRR		TTT		LLL
BBBBBBBBBBBB		AAA	AAA	SSSSSSSS		RRRRRRRRRR		TTT		LLL
BBBBBBBBBBBB		AAA	AAA	SSSSSSSS		RRRRRRRRRR		TTT		LLL
BBB	BBB	AAAAAAAAAAAA			SSS	RRR	RRR	TTT		LLL
BBB	BBB	AAAAAAAAAAAA			SSS	RRR	RRR	TTT		LLL
BBB	BBB	AAAAAAAAAAAA			SSS	RRR	RRR	TTT		LLL
BBB	BBB	AAA	AAA		SSS	RRR	RRR	TTT		LLL
BBB	BBB	AAA	AAA		SSS	RRR	RRR	TTT		LLL
BBB	BBB	AAA	AAA		SSS	RRR	RRR	TTT		LLL
BBB	BBB	AAA	AAA		SSS	RRR	RRR	TTT		LLL
BBBBBBBBBBBB		AAA	AAA	SSSSSSSS		RRR	RRR	TTT		LLLLLLLLLLLL
BBBBBBBBBBBB		AAA	AAA	SSSSSSSS		RRR	RRR	TTT		LLLLLLLLLLLL
BBBBBBBBBBBB		AAA	AAA	SSSSSSSS		RRR	RRR	TTT		LLLLLLLLLLLL

[illegible]

This file, BPAFQBDEF.REQ, defines the structure of the FIRQB.

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Edit History:

- 1-001 - Original, from FQBDEF.R32, from ESE. JBS 02-OCT-1979
- 1-002 - Remove defense against requiring this file redundantly.
JBS 02-OCT-1979
- 1-003 - Track E.S.E.'s changes to 22-NOV-1979. JBS 02-DEC-1979
- 1-004 - Add copyright notice. SBL 11-Mar-1980

FIELD

fqb\$fields =

SET

fqb\$b_iosts = [0, B],
fqb\$b_jobnum = [2, B],
fqb\$b_function = [3, SB],
fqb\$b_nfrep = [3, B],
fqb\$b_channel = [4, SB],
fqb\$v_channel = [4, SV] (1, 7),
fqb\$b_subfun = [4, SB],
fqb\$b_errnum = [4, B],
fqb\$t_errmsg = [4, A],
fqb\$b_lock = [4, B],
fqb\$b_jobno = [4, B],
fqb\$b_pri_ind = [5, B],
fqb\$b_blkhi = [5, B],
fqb\$b_rmod = [5, B],
fqb\$b_jobnr = [5, B],
fqb\$b_kb_no = [5, B],
fqb\$b_width = [6, B].

i/o status return	
job number * 2	: A 336
function code	: M 206
NFREP flag byte	
Channel number * 2	: M 051
Channel number	: A 210
Subfunction code	: A 201
Error number	: A 222
Error message string	: A 222
Lock (0) or Unlock (255)	: A 306
Jobnumber or 255 for caller	: A 306
Indicates change of priority	: A 306
MSB of filesize	
receive modifier	: A 201
job number * 2	: A 201
KB number	: A 300
page width	: A 300


```

fqb$w_ppn = [6, W],
fqb$b_prog = [6, B],
fqb$t_rcvnam = [6, A],
fqb$v_priority = [6, SV_ (3, 5)],
fqb$b_proj = [7, B],
fqb$b_tab = [7, B],
fqb$b_form = [8, B],
fqb$w_fns_ptr = [8, W],
fqb$l_filename = [8, L],
fqb$w_fnam1 = [8, W],
fqb$b_lc_out = [9, B],
fqb$b_xon = [10, B],
fqb$w_fnam2 = [10, W],
fqb$w_fns_siz = [10, Q],
fqb$w_not_tran = [10, Q],
fqb$b_duplex = [11, B],
fqb$b_scope = [12, B],
fqb$w_fnm_ptr = [12, W],
fqb$t_newname = [12, A],
fqb$w_fqext = [12, W],
fqb$t_par_str = [12, A],
fqb$b_access = [13, B],
fqb$b_lc_in = [13, B],
fqb$b_fill = [14, B],
fqb$w_blklo = [14, Q],
fqb$w_bmax = [14, SW],
fqb$b_xmt_speed = [15, B],
fqb$b_parity = [16, B],
fqb$w_basbuflen = [16, W],
fqb$b_rcv_speed = [17, B],
fqb$b_stall = [18, B],
fqb$w_mode = [18, W],
fqb$w_sleep = [18, Q],
fqb$b_up_arr = [19, B],
fqb$b_intf = [20, B],
fqb$w_status = [20, W],
fqb$v_writelock = [20, V_ (10)],
fqb$b_data_stop = [21, B],
fqb$b_ring = [22, B],
fqb$b_prot_real = [22, B],
fqb$b_prot_code = [23, B],
fqb$b_esc_seq = [23, B],
fqb$b_delim = [24, B],
fqb$w_devnam = [24, W],
fqb$b_esc = [25, B],
fqb$b_rt_flag = [26, B],
fqb$w_devnam2 = [26, W],
fqb$b_devunit = [26, B],
fqb$b_res_flag = [27, B],
fqb$b_unit_real = [27, B],
fqb$w_cluster = [28, W],
fqb$w_sys_date = [28, Q],
fqb$w_position = [30, W]
TES;

```

```

project-programmer number
programmer number
receiver name           ! A 201
priority                 ! A 306
project number
TAB/NO TAB              ! A 300
NO FORM/FORM            ! A 300
filespec string pointer
filename (2 words of RAD-50) ! A 200
1st word of filename (RAD-50) ! A 200
LC OUTPUT/NO LC OUTPUT   ! A 300
NO XON/XON               ! A 300
2nd " " " "             ! A 200
filespec string size
# bytes not transferred ! A 201
FULL DPLX/LOCAL ECHO     ! A 300
NO SCOPE/SCOPE           ! A 300
filename string pointer
new filename (ASCII, rename only)
file extension (RAD-50) ! A 200
parameterstring          ! A 201
access type              ! A 201
NO LC INPUT/LC INPUT     ! A 300
NO FILL/FILL             ! A 300
LSB of filesize
buffer maximum           ! A 275
transmit speed           ! A 300
NO PARITY/EVEN/ODD       ! A 300
length of BASIC buffer
Receive speed            ! A 300
NO STALL/STALL           ! A 300
mode value
sleep time               ! A 201
UP ARROW/NO UP ARROW     ! A 300
interface                ! A 300
STATUS value
writelock flag in STATUS ! A 103
DATA BITS/STOP BITS/PARITY ! A 300
ring list entry          ! A 300
prot. code real flag
protection code
NO ESC SEQ/ESC SEQ       ! A 300
private delimiter        ! A 300
device name (2 ASCII chars)
NO ESC/ESC               ! A 300
^R, ^T flag              ! A 300
... (2nd half - rad50)   ! A 200
device unit number
resume any/^C            ! A 300
unit number real flag
clustersize (magtape only)
current date in int. format ! A 336
disk location (not implemented)

```

LITERAL

BPAFQBDEF.REQ;1

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fqb\$m_writelock = M (10),
fqb\$k_errmsglen = 28,
fqb\$k_nfrep = %0'200',
fqb\$k_length = 32;

! writelock flag in STATUS ! A 103
! Length of errmsg string ! A 222
! NFREP flag value
! length of firqb

MACRO
\$fqb_def =
BLOCK [fqb\$k_length, BYTE] FIELD (fqb\$fields) %;

!
! End of file BPAFQBDEF.REQ

0019

AH-BT13A-SE
VAX/VMS V4.0

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